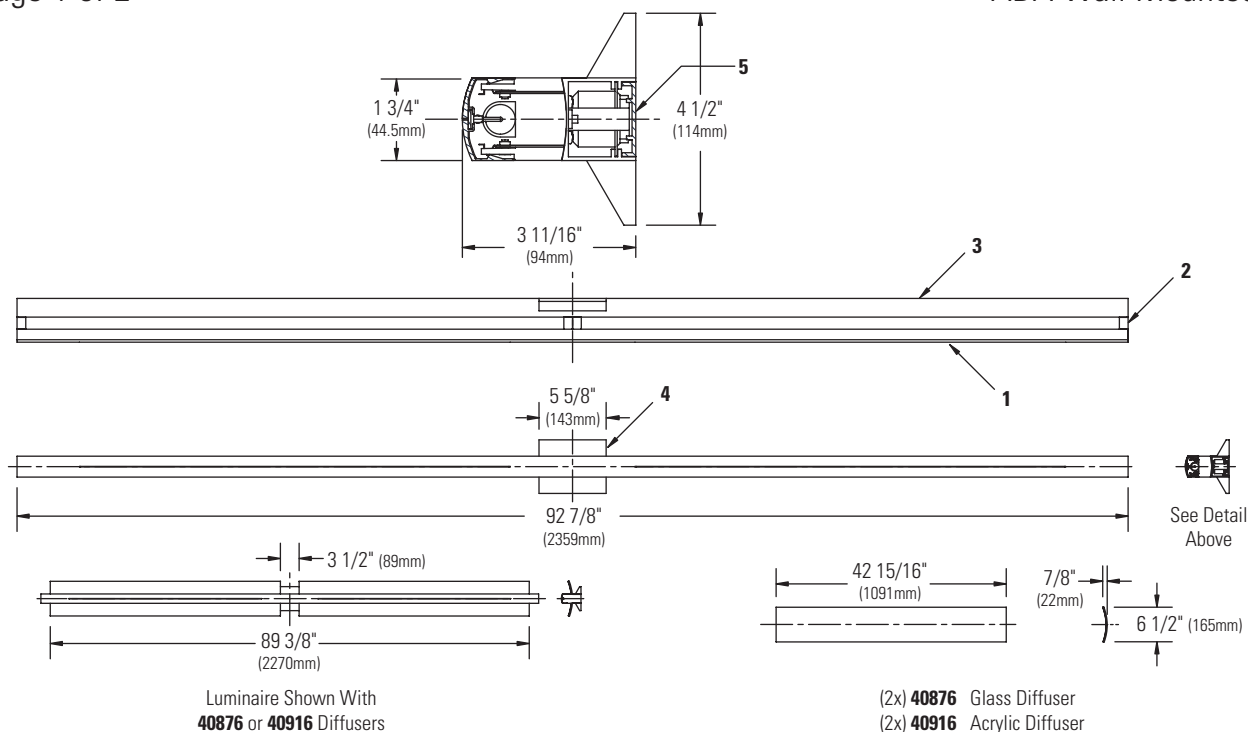




Architectural Decorative Soli 48024ALU

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ADA Wall Mounted, 2 Light T-5



Note: Luminaire can be ordered with or without diffuser shield. Order each separately.

Fixture Ordering Information

Catalog No.	Finish	Wattage	Voltage	Lamping
48024ALU	Metallic Aluminum Powder Coated	2 x 28W	120/277V	T-5, Mini-Bipin
48024AL54U	Metallic Aluminum Powder Coated	2 x 54W	120/277V	T-5 HO, Mini-Bipin HO denotes High Output

Diffuser Ordering Information (Order diffuser separately)

Catalog No.	Description	Dimensions	Finish
40876	Curved Glass Diffuser (3/16\" Thick)	6.5\" W x 42 15/16\" L	Etched Outside/ White Ceramic coated inside. Polished edges.
40916	Curved Acrylic Diffuser (3/16\" Thick)	6.5\" W x 42 15/16\" L	Translucent white Acrylic. Textured both sides.

Features

- Lamp Enclosure:** (2) Extruded aluminum. See above for finish.
- End Cap:** (2) Die cast aluminum. See above for finish.
- Housing:** Extruded aluminum. See above for finish.
- Cover:** (2) Die cast aluminum. Used to enclose 4\" octagonal junction box.
- Mounting Plate:** Extruded aluminum provided with (6) 7/8\" diameter knock-outs along it's length for direct conduit connections.

Lamping (by others)

Linear Fluorescent: 28W T5 or 54W T5 HO, Mini Bipin

Electrical

Lampholders: G5 (Mini-Bipin) base with rotor for securing lamp. cULus Listed.
Ballast: Electronic, HPF, Universal voltage 120V-277V.

	28 Watt		54 Watt	
Voltage	120	277	120	277
Total Input Watts	64	63	120	117
Max. Line Current (Amps)	0.55	0.23	1.0	0.43
Ballast Factor	1.03	1.03	1.0	1.0

Min. Starting Temp: 0°F/-18°C
THD<10%

Options

Dimming: (Voltage Specific/54W HO lamps)

Add MX1 suffix code (for 120V) to Cat. No.

Add MX2 suffix code (for 277V) to Cat. No.

example: 48024AL54MX1

Emergency: Integral Bodine LP550 emergency battery pack, test switch and light, add E suffix code to Cat. No.

DALI: Digital Dimming System ballast 120/277V. Add DA suffix code to Cat. No.

Labels

cULus Listed. Suitable for Damp Locations

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

Lightolier a Genlyte company

www.lightolier.com

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

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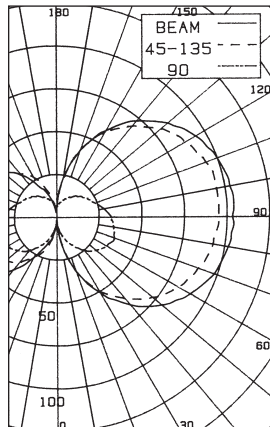


Architectural Decorative Soli 48024ALU

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ADA Wall Mounted, 2 Light T-5

CERTIFIED TEST REPORT NO. 2221FR
COMPUTED BY LSI PROGRAM **TEST-LITE**
LIGHTOLIER ARCHITECTURAL DECORATIVE LUMINAIRE SOLI
CAT. NO. 48023ALU / 40876, ETCHED GLASS SHIELD
1-28W SYLVANIA T-5 LAMP, LUMEN RATING = 2610 LMS.
UNIVERSAL BALLAST #B228PUNVC



Prepared For:
Lightolier
Fall River, MA
Date: May 11, 2003

ZONE DEG.	CANDLEPOWER				
	90	67.5	45	22.5	Beam
CANDELAS					
0	2	2	2	2	2
5	5	4	5	6	6
15	10	13	24	27	25
25	16	30	42	45	43
35	22	41	56	59	59
45	28	52	68	70	74
55	32	60	78	80	85
65	35	67	85	87	94
75	35	72	91	92	100
85	33	75	94	95	103
95	30	77	95	97	104
105	26	77	95	96	102
115	22	74	90	92	97
125	20	68	84	85	90
135	17	61	74	76	79
145	14	50	63	66	66
155	12	41	50	53	50
165	9	25	33	35	33
175	7	11	14	15	15
180	6	6	6	6	6

Tested according to IES procedures.

Test distance exceeds five times the greatest luminous opening of luminaire.

COEFFICIENTS OF UTILIZATION % EFFECTIVE CEILING CAVITY REFLECTANCE

	% WALL REFLECTION											
	80			70			50			30		
	50	30	10	50	30	10	50	30	10	50	30	10
0	27	27	27	25	25	25	21	21	21	17	17	17
1	21	20	19	20	18	17	16	15	14	13	12	12
2	18	16	14	16	15	13	13	12	11	11	10	9
3	15	13	11	14	12	10	11	10	8	9	8	7
4	13	11	9	12	10	8	10	8	7	8	6	5
5	12	9	7	11	8	7	9	7	6	7	5	4
6	10	8	6	9	7	6	8	6	5	6	5	4
7	9	7	5	8	6	5	7	5	4	5	4	3
8	8	6	5	8	6	4	6	5	3	5	4	3
9	7	5	4	7	5	4	6	4	3	4	3	2
10	7	5	3	6	4	3	5	4	3	4	3	2

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-30	18	0.7	2.87
0-40	43	1.6	6.61
0-60	128	4.9	19.69
0-90	323	12.4	49.44
40-90	279	10.7	42.83
60-90	194	7.4	29.75
90-180	330	12.7	50.56
0-180	653	25.0	100.00

** EFFICIENCY = 25.0% **

Note:

Data shown is for one 4 foot Soli section only

For 54 watt lamp, multiply calculated foot-candle values by 1.7

Job Information

Type:

Lightolier a Genlyte company

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